

CONDITION ASSESSMENT GROUP MEETING

October 2009

CAS Inspection Forms – who creates and maintains them for your site?

Presented by:

**Steve Patterson – Pantex Plant
CAIS/FIMS Administrator, CAS Manager**



CAIS Data Main Menu

The Maintenance Division would like to welcome you to the CAIS informational database!

RTBF Program Reports

Indicators Menu

Validation Menu

Inspection Forms Menu

Deferred Maint.
Review/Misc Menu

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Data Main
Menu

*At Pantex, the CAIS Administrator is responsible for the oversight of key data fields used for our CAS inspection sheets.



Pantex



MECHANICAL EQUIPMENT INSPECTION SHEET

FACILITY #: 12-005C		(MECHANICAL WORK BREAKDOWN STRUCTURE) = W						Repair Task = RT	
MISSION SUPPORT		1. Mech;Cooling;Absorp Chillers		11. Mech;Cooling;Pack, Recip Chillers		22. Mech;Heat+Vent;Terminal Units		1.Replacement	
Fac. Name: Maintenance Shop		2. Mech;Cooling;Centrif Chillers		12. Mech;Cooling;Refrig Compressors		23. Mech;Plumbing;Compressed Air		2. Repair/Restore	
Fac. sq. ft.: 21,147		3. Mech;Cooling;Screw Chillers		13. Mech;Cooling;Terminal Units		24. Mech;Plumbing;Domestic Water		3.Repaint	
C-Date / Age: 1964 / 42		4. Mech;Cooling;Chemical Treatment		14. Mech;Heat+Vent;Air Handlers+Fans		25. Mech;Plumbing;Drain,Waste,Vent		4.Clean	
Survey Date		5. Mech;Cooling;Chilled Water Distrib		15. Mech;Heat+Vent;Boilers		26. Mech;Plumbing;Natural Gas		5. Review	
Last Inspection Performed by: GALAMZ, JOHN		6. Mech;Cooling;Condenser WaterSys		16. Mech;Heat+Vent;Chemical Treatment		27. Mech;Plumbing;Vacuum		Condition = C	
		7. Mech;Cooling;Condensers		17. Mech;Heat+Vent;Ductwork		28. Mech;Spec. Sys;Drinking Water Sys		1. Excellent	
		8. Mech;Cooling;Cooling Towers		18. Mech;Heat+Vent;Fuel Oil		29. Mech;Fire Prot;Dry Pipe		2. Good	
		9. Mech;Cooling;PackagedCondensing		19. Mech;Heat+Vent;Heating Hot WaterDist		30. Mech;Fire Prot;Wet Pipe		3. Adequate	
		10. Mech;Cooling;Packaged HVAC		20. Mech;Heat+Vent;Hot Air Furnaces				4. Fair	
				21. Mech;Heat+Vent;St Distr,Cond, Return				5. Poor	
								6. Fail	
						Purpose Code = P			
						Urgency to Repair/Replace = U			

IU #	Equip No	Stat	Qty	Rm No	Location Description/Rm #	Manuf., Model Number, Unit Size/Capacity, etc.	Deficiency Info					Year Installed	OPT Year	Year Repl	Cost Adders
							W	C	RT	P	U				
66687	6803233	R	1		EXTERIOR , ? LOCATION	BLOWER, EXHAUST, TWIN CITY # ?	14	2			4	1995	2015		
COMMENTS: Currently Deferred: N RS Means Est Cost: \$966 WBS, Type (as it is in CAIS currently): Mech;Heat+Vent;Air Handlers+Fans Fans,blos direct dr W/mot,4 speed,1164to 1739 CFM @ 5"															
65899	6803580	R	1		EXTERIOR , BOILER PIPE SHOP	EVAP COOLER, 1700-3000CFM, 115V	13	2			4	2005	2025		
COMMENTS: Currently Deferred: N RS Means Est Cost: \$2,047 PER MONTHLY DEFERRED MAINT. REVIEW THE PUMP FOR THIS UNIT WAS REPLACED 8/18/2005, IU #62838, W/O #29269390 (SP). WBS, Type (as it is in CAIS currently): Mech;Cooling;Terminal Units Evaporative clr, ducted , not incl duct, 3235 CFM, 1/2 HP, 115															
66675	6808681	R	1		EXTERIOR , B-SHOP, E. ROLL-UP DR	COOKSON # ?	00	4			3	1998	2028		
COMMENTS: Currently Deferred: Y RS Means Est Cost: \$2,916 WBS, Type (as it is in CAIS currently): Ext;Doors Rolling service doors, motor operators, to 14' x 14' opening															
66690	6802451	R	1		EXTERIOR , B-SHOP, EAST SIDE	BLOWER, EXHAUST, RUEMELLIN #460-15	14	2			4	1995	2015		
COMMENTS: Currently Deferred: N RS Means Est Cost: \$966 WBS, Type (as it is in CAIS currently): Mech;Heat+Vent;Air Handlers+Fans Fans,blos direct dr W/mot,4 speed,1164to 1739 CFM @ 5"															



FACILITY #: 12-005C MISSION SUPPORT
 Fac. Name: Maintenance Shop
 Fac. sq. ft.: 21,147
 C-Date (Age): 1964 / 42

INTERIOR STRUCTURAL INSPECTION SHEET

Survey Date:

Last Inspection Performed by: BEAGLES, DANNY

Data From Last Inspection

IU #	Last Insp.	Quantity	Unit	Type	Location	Comments	C	RT	P	U	Opt	Year
45368	1/18/2005	820	SQFT	Resilient, rubber, tile, marbled colors, 12" x 12", 3/16" thick	BREAK & SMOKE ROOM	12" X 12" TILES. UPSTAIRS BREAK ROOM AND SMOKE ROOM. THE EXISTING FLOOR TILES ARE ASBESTOS AND ARE BREAKING UP. SEVERAL AREAS HAVE BEEN PATCHED BUT THE ENTIRE AREA NEEDS TO BE REPLACED.	5	1	4	2		2004
Currently Deferred: Y RS Means Est Cost							\$12,280					
163506	1/12/2005	168	LNFT	AVG ALL TYP;FLR;RESILIENT;BASE;COVE	BREAK ROOM	2ND FLOOR, 4" VINYL BASE MOLDING	5	1	4	2		2004
Currently Deferred: Y RS Means Est Cost							\$950					
163524	1/18/2005	1	EACH	Comlst doors, insulated, 1-3/4" thk, full pnl, 18 Ga., 3'-0" x 6'-8"	BREAK ROOMS	2ND FLOOR, SINGLE METAL 3' X 7', 0 LITE, 1 OF 4	4	1	4	3		2004
Currently Deferred: Y RS Means Est Cost							\$764					



ASSET # 12-005C		LIGHTING SUMMARY/INSPECTION SHEET				Fac. sq. ft.: 21,147	
MISSION SUPPORT						C-Date (Age): 1964 / 42	
Fac. Name: Maintenance Shop		Repair Task = RT 1. Replacement 2. Repair/Restore 3. Repaint 4. Clean 5. Review				Last Inspection Performed by: RANGEL, RUDY	
Condition = C 1. Excellent 2. Good 3. Adequate 4. Fair 5. Poor 6. Fail						Survey Date:	
						Inspector:	
		Purpose Code = P					
		Urgency to Repair/Replace = U				S = Status of Equip. (D,O,H,R,U,E)	

IU #	Location	Qty	#Lamps/ Style Length	Type of Existing Fixture	RS Means Est Cost	Year Inst.	Retrofit		S	C	RT	P	U	Opt Yr
							Y	N						
62193	INTERIOR , N BREAK ROOM	20	1 LMP	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$8,129	1998			R	2	U01		4	2024
62194	INTERIOR , N BREAK ROOM	6	2 LMPS	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$2,439	1998			R	2	U01		4	2024
62200	INTERIOR , N MENS RR	2	1 LMP	FIXINT; INCAN; 250 W OR LESS Currently Deferred: Y	\$921	1964			R	5	1	4	2	1999
62199	INTERIOR , N MENS RR	8	2 LMPS	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$3,252	1998			R	2	U01		4	2024
62196	INTERIOR , OFFICE	10	2 LMPS	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$4,064	1998			R	2	U01		4	2024
62204	INTERIOR , PIPE SHOP	21	2 LMPS	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$8,535	1998			R	2	U01		4	2024
62198	INTERIOR , S BREAK ROOM	11	2 LMPS	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$4,471	1998			R	2	U01		4	2024
62203	INTERIOR , SHEET SHOP	36	2 LMPS	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$14,632	1998			R	2	U01		4	2024
62197	INTERIOR , SHEET SHOP	90	2 LMPS	FIXINT;FLUO;1-4 LAMPS;2-4';PENDA Currently Deferred: N	\$36,580	1998			R	2	U01		4	2024
62205	INTERIOR , SPECIAL WELD	8	2 LMPS	Interior ltg ftr, fluor, surf mtd, acryl lens, 2'wx 4', two 40 W		1998			R	2	U01		4	2024



Quality inspection data taken from clean and precise inspection sheets allows for better customer communications!

ASSET: 11-020										
ZONE: ZONE 11										
<u>BWXT CAS Inspection Data for Facility Managers</u>										
I.U. #	Location Description		CAIS "Type" Description			CAS Inspection Info.		Opt. Year	Cond	Deferred
62976	INTERIOR , COMPRESSOR, AIR		Comp;Air;Recip;TrnkMtd;Simplx; 8CFM;2HP			FOR FIRE SYS., OILESS, DEVILBISS, 1HP		2013	GOOD	N
Yr. Installed	1998	Replacement Qty.	1	EACH	Imp. Code: ME	Inspection Date	11/12/2004	Project/WO #:	Eq. # 6806207	
Comment:										
I.U. #	Location Description		CAIS "Type" Description			CAS Inspection Info.		Opt. Year	Cond	Deferred
70704	EQUIPMT RM, EQ. RM. NORTHEAST		Comp;Refrig;RecipHerm;R22;15-40Ton			REFRIGERATER UNIT 40 TON		2021	EXCL	N
Yr. Installed	2006	Replacement Qty.	1	EACH	Imp. Code: ME	Inspection Date	11/17/2004	Project/WO #:	Eq. # ?	
Comment: TRANE CO. M/N RWUBC401RENRE30GMP S/N L87K05157 460 VOLT 3PH COMPRESSER CRHR 400C-3HAT. MOVE TO 11-020 PER L. BACKUS										
I.U. #	Location Description		CAIS "Type" Description			CAS Inspection Info.		Opt. Year	Cond	Deferred
70163	EQUIPMT RM, EQ. RM. NORTHEAST		Comp;Refrig;RecipHerm;R22;15-40Ton			REFRIGERATER UNIT 40 TON		2030	EXCL	N
Yr. Installed	2005	Replacement Qty.	1	EACH	Imp. Code: ME	Inspection Date	11/17/2004	Project/WO #:	Eq. # ?	
Comment: TRANE CO. M/N RWUBC401RENRE30GMP S/N L87K05157 460 VOLT 3PH COMPRESSER CRHR 400C-3HAT. MOVE TO 11-020 PER L. BACKUS. REPLACED IN 2005										
I.U. #	Location Description		CAIS "Type" Description			CAS Inspection Info.		Opt. Year	Cond	Deferred
60565	INTERIOR , BAY 1		Composition flr, epoxy, with colored quartz chips, broadcast, minimum					1999	POOR	Y
Yr. Installed	1942	Replacement Qty.	646	SQFT	Imp. Code: ME	Inspection Date	10/12/2004	Project/WO #:	Eq. #	
Comment: SEAMLESS FLOORING, 8' X 23' + 21' X 22'										
I.U. #	Location Description		CAIS "Type" Description			CAS Inspection Info.		Opt. Year	Cond	Deferred
60566	INTERIOR , BAY 2		Composition flr, epoxy, with colored quartz chips, broadcast, minimum					1999	POOR	Y



The
Maintenance
Division would
like to
welcome you
to the CAIS
Data RTBF
Reports Menu!

Exit CAIS
RTBF
Program
Reports
Menu

CAIS Data RTBF Program Reports Menu

FY03 Baseline Data

FY03 DM Completed Cost

FY03 DM Outstanding Cost

Project Development

RTBF Proj Dev DM by Bldg

TYCSP

RIK >500000

DM by FY Year by Importance by Bldg

DM by Condition by Importance by FY

DM all FY Years

New Growth, Life Cycle

New Growth, New Records

New Growth (Previously N, Now Y)

*Special menu set-up to better
accommodate RTBF's reporting needs
and DM project selection



Questions!

